

ANALYTICA CHIMICA ACTA, VOL. 245 (1991)

AUTHOR INDEX

- Al-Bazi, S.J.
— and Freiser, H.
Kinetics and mechanism of back-extraction: selected palladium extraction systems 225
- Almuaibed, A.M.
— and Townshend, A.
Flow-injection spectrophotometric determination of chloride with an on-line solid mercury(II) thiocyanate minicolumn and bromide with a silver thiocyanate minicolumn 115
- Amorim, M.T.S., see Delgado, R. 271
- Asai, M., see Mizutani, F. 145
- Ballew, R.M.
— and Demas, J.N.
Error analysis of the rapid lifetime determination method for single exponential decays with a non-zero baseline 121
- Baxter, M., see Toole, J. 83
- Bergamin F^o., H., see Souza, I.G. 211
- Burton, J.D., see Muller, F.L.L. 21
- Cabral, M.F., see Delgado, R. 271
- Chalk, P.M., see Chen, D. 49
- Chang, X.
—, Li, Y., Luo, X., Zhan, G., Su, Z. and Gao, J.
Synthesis of macroporous poly(vinylidene triamine) chelating resin and the enrichment-separation of rhodium and iridium 13
- Chaves, S., see Delgado, R. 271
- Chen, D.
—, Chalk, P.M. and Freney, J.R.
External-source contamination during extraction-distillation in isotope-ratio analysis of soil inorganic nitrogen 49
- Cooper, J.M.
—, McNeil, C.J. and Spoor, J.A.
Amperometric enzyme electrode for the determination of aspartate aminotransferase and alanine aminotransferase in serum 57
- Costa, J., see Delgado, R. 271
- De Faria, L.C.
— and Pasquini, C.
Flow-injection determination of inorganic forms of nitrogen by gas diffusion and conductimetry 183
- Del Castillo, B., see Martín, M.A. 217
- Delgado, R.
—, Fraústo da Silva, J.J.R., Amorim, M.T.S., Cabral, M.F., Chaves, S. and Costa, J.
Dissociation constants of Brønsted acids in D₂O and H₂O: studies on polyaza and polyoxa-polyaza macrocycles and a general correlation 271
- Demas, J.N., see Ballew, R.M. 121
- Deorkar, N.V.
— and Khopkar, S.M.
Liquid-liquid extraction of zirconium from hafnium and other elements with dicyclohexyl-18-crown-6 27
- Dheandhanoo, S., see Ketkar, S.N. 267
- Dulak, J.G., see Ketkar, S.N. 267
- Fang, Z., see Xu, S. 7
- Faridnia, M.H., see Palleschi, G. 151
- Fite, W.L., see Ketkar, S.N. 267
- Fraústo da Silva, J.J.R., see Delgado, R. 271
- Freiser, H., see Al-Bazi, S.J. 225
- Freney, J.R., see Chen, D. 49
- Gao, J., see Chang, X. 13
- Gillespie, A.M.
— and Walters, S.M.
Rapid clean-up of fat extracts for organophosphorus pesticide residue determination using C₁₈ solid-phase extraction cartridges 259
- Giné, M.F., see Souza, I.G. 211
- Gomez Benito, C., see Martinez Calatayud, J. 101
- Guilbault, G.G., see Palleschi, G. 151
- Guilbault, G.G., see Villarta, R.L. 63
- Hansen, E.H., see Jeppesen, M.T. 89
- Higashi, T., see Imasaka, T. 191
- Hu, W.D.
Determination of boron in high-purity silica using direct current plasma emission spectrometry 207
- Iida, C., see Kojima, I. 35
- Imasaka, T.
—, Higashi, T. and Ishibashi, N.
Thermal lens spectrophotometry of nitrogen dioxide using an excimer-laser-pumped dye laser 191
- Ingman, F., see Kuban, V. 251
- Ishibashi, N., see Imasaka, T. 191
- Jäger, V., see Stöcklein, W. 1
- Jeppesen, M.T.
— and Hansen, E.H.
Flow-injection fluorimetric assay of nitrogen-containing substrates by on-line enzymatic generation of ammonia 89

- Jin, W.
— and Wang, J.
Investigations on adsorption potentiometry. Part I. Derivative adsorption chronopotentiometry of the iron(III)-2-(5'-bromo-2'-pyridylazo)-5-diethylaminophenol system 77
Jinno, F., see Kojima, I. 35
- Kanazawa, T., see Nomura, T. 71
- Ketkar, S.N.
—, Dulak, J.G., Dheandhanoo, S. and Fite, W.L.
Benzene charge exchange at atmospheric pressure for low-level detection of pollutants in ambient air 267
- Khopkar, S.M., see Deorkar, N.V. 27
- Kojima, I.
—, Jinno, F., Noda, Y. and Iida, C.
Vapour-phase acid decomposition of highly pure silicas in a sealed PTFE bomb and determination of impurities by "one-drop" atomic spectrometry 35
- Krug, F.J., see Souza, I.G. 211
- Kuban, V.
— and Ingman, F.
Design of a multi-channel dropping segmenter for liquid-liquid extraction continuous flow-injection analysis 251
- Kümmel, R., see Mickler, W. 243
- Lartillot, S., see Saka Amini, M.A. 129
- Leech, D., see Wang, J. 139
- Li, Y., see Chang, X. 13
- Liu, P., see Zhu, G.-Y. 109
- Lubrano, G.J., see Palleschi, G. 151
- Lubrano, G.J., see Villarta, R.L. 63
- Luo, X., see Chang, X. 13
- Martin, M.A.
— and Del Castillo, B.
2,3-Diphenylquinolinium bromide as a fluorescent derivatization reagent for amines 217
- Martinez, S., see Wang, J. 139
- Martinez Calatayud, J.
— and Gomez Benito, C.
Photochemical derivatization and fluorimetric determination of reserpine in a flow-injection assembly 101
- McKay, K., see Toole, J. 83
- McNeil, C.J., see Cooper, J.M. 57
- Mickler, W.
—, Uhlemann, E., Schröder, M. and Kümmel, R.
Zur Abtrennung von Kupfer aus ammoniakalischer Lösung durch Flüssig-Flüssig-Extraktion und Flüssigmembran-permeation mit 1-Phenyl-3-methyl-4-stearoyl-pyrazol-5-on 243
- Mizutani, F.
—, Yabuki, S. and Asai, M.
L-Malate-sensing electrode based on malate dehydrogenase and NADH oxidase 145
- Muller, F.L.L.
—, Burton, J.D. and Statham, P.J.
Long-term changes in the adsorptive properties of FEP separating funnels used in a mixed dithiocarbamate-Freon-TF extraction system 21
- Nagamura, T., see Oyama, M. 199
- Nóbrega, J.A., see Souza, I.G. 211
- Noda, Y., see Kojima, I. 35
- Nomura, T.
— and Kanazawa, T.
Adsorption of metal ions from solution onto a piezoelectric quartz crystal 71
- Okazaki, S., see Oyama, M. 199
- Oliveira, P.V., see Souza, I.G. 211
- Oyama, M.
—, Okazaki, S. and Nagamura, T.
Measurement of time-resolved absorption spectra of species generated by fast electrochemical processes 199
- Ozsoz, M., see Wang, J. 139
- Pacey, G.E., see Wilcox, K. 235
- Palleschi, G.
—, Faridnia, M.H., Lubrano, G.J. and Guilbault, G.G.
Determination of lactate in human saliva with an electrochemical enzyme probe 151
- Palleschi, G., see Villarta, R.L. 63
- Pasquini, C., see De Faria, L.C. 183
- Reinhoudt, D.N., see Van der Wal, P.D. 159
- Reis, B.F., see Souza, I.G. 211
- Romei, C., see Scarano, G. 177
- Saini, S., see Schubert, F. 133
- Saka Amini, M.A.
—, Vallon, J.J. and Lartillot, S.
Le thiocyanate serait un inhibiteur puissant de l'oxalate oxydase dans le dosage de l'oxalate urinaire 129
- Scarano, G.
—, Romei, C., Seritti, A. and Zirino, A.
Ethylenediamine in the voltammetric determination of copper in sea water at a rotating mercury film electrode 177
- Schmid, R.D., see Stöcklein, W. 1
- Schröder, M., see Mickler, W. 243
- Schubert, F.
—, Saini, S. and Turner, A.P.F.
Mediated amperometric enzyme electrode incorporating peroxidase for the determination of hydrogen peroxide in organic solvents 133
- Sensui, M., see Suzuki, T. 43
- Seritti, A., see Scarano, G. 177
- Si, Z.-K., see Zhu, G.-Y. 109
- Smyth, M.R., see Wang, J. 139
- Sneddon, J.
Direct and near-real-time determination of lead, manganese and mercury in laboratory air by electrostatic precipitation-atomic absorption spectrometry 203
- Souza, I.G.
—, Bergamin F., H., Krug, F.J., Nóbrega, J.A., Oliveira, P.V., Reis, B.F. and Giné, M.F.
On-line electrolytic dissolution of alloys in flow-injection analysis. Part 3. Multi-elemental analysis of stainless steels by inductively coupled plasma atomic emission spectrometry 211

- Spoors, J.A., see Cooper, J.M. 57
Statham, P.J., see Muller, F.L.L. 21
Stöcklein, W.
—, Jäger, V. and Schmid, R.D.
Monitoring of mouse immunoglobulin G by flow-injection analytical affinity chromatography 1
Su, Z., see Chang, X. 13
Sudhölter, E.J.R., see Van der Wal, P.D. 159
Suleiman, A.A., see Villarta, R.L. 63
Sun, L., see Xu, S. 7
Suzuki, T.
— and Sensui, M.
Application of the microwave acid digestion method to the decomposition of rock samples 43

Toole, J.
—, McKay, K. and Baxter, M.
Determination of uranium in marine sediment pore waters by isotope dilution inductively coupled plasma mass spectrometry 83
Townshend, A., see Almuaid, A.M. 115
Turner, A.P.F., see Schubert, F. 133

Uhlemann, E., see Mickler, W. 243

Vallon, J.J., see Saka Amini, M.A. 129
Van den Berg, C.M.G., see Yokoi, K. 167
Van der Wal, P.D.
—, Sudhölter, E.J.R. and Reinhoudt, D.N.
Design and properties of a flow-injection analysis cell using potassium-selective ion-sensitive field-effect transistors as detection elements 159
Villarta, R.L.
—, Palleschi, G., Lubrano, G.J., Suleiman, A.A. and Guilbault, G.G.
Amperometric aspartate electrode 63

Walters, S.M., see Gillespie, A.M. 259
Wang, J.
—, Leech, D., Ozsoz, M., Martinez, S. and Smyth, M.R.
One-step fabrication of glucose sensors based on entrapment of glucose oxidase within poly(ester-sulfonic acid) coatings 139
Wang, J., see Jin, W. 77
Wilcox, K.
— and Pacey, G.E.
Selective lithium ion extraction with chromogenic monoaza crown ethers 235
Wu, R.
Simplified computations for standard-addition methods in ion-selective potentiometry 283

Xu, S.
—, Sun, L. and Fang, Z.
Determination of gold in ore by flame atomic absorption spectrometry with flow-injection on-line sorbent extraction preconcentration 7

Yabuki, S., see Mizutani, F. 145
Yokoi, K.
— and Van den Berg, C.M.G.
Determination of titanium in sea water using catalytic cathodic stripping voltammetry 167

Zhan, G., see Chang, X. 13
Zhu, G.-Y.
—, Si, Z.-K. and Liu, P.
Fluorescence enhancement by gadolinium of the europium or samarium-dibenzoylmethane-diethylamine system 109
Zirino, A., see Scarano, G. 177